

Qty -01	Qty -02	Qty -03	Qty -04	Part Number	Description
X				D412-694-01	DOOR ASSEMBLY
	X			D412-694-02	DOOR ASSEMBLY
		X		D412-694-03	DOOR ASSEMBLY
			X	D412-694-04	DOOR ASSEMBLY
		1	1	D3110-1	ESCUTOHEON
		1	1	D3110-3	HANDLE
1	1			D3110-5	HANDLE ASSEMBLY
		1	1	D3111-041	PLATE ASSEMBLY
		2	2	D3112-1	GUIDE
		1	1	D3113-1	SPRING
		1	1	D3114-1	PIVOT
1	1			D3115-1	BRACKET
		1	1	D3116-11-0180	SEAL
		1	1	D3116-5-0680	SEAL
1	1			D3116-7-0680	SEAL
1	1			D3116-9-0770	SEAL
		1		D3119-041	COVER ASSEMBLY
		1		D3119-042	COVER ASSEMBLY
		1		D3120-1	COVER
		1		D3120-2	COVER
		1		D3120-3	COVER
		1		D3120-4	COVER
3	3			D3121-041	BRACKET ASSEMBLY (ROLLER)
1				D3121-043	BRACKET ASSEMBLY (ROLLER)
	1			D3121-044	BRACKET ASSEMBLY (ROLLER)
1	1			D3122-1	LEVER
2	2			D3123-1	CAM
1	1			D3124-1	HOOK
1	1			D3124-2	HOOK
		1	1	D3125-1	LEVER
		1	1	D3125-3	LEVER
		1	1	D3125-5	LEVER
		1	1	D3125-7	LEVER
1	1			D3126-1	BRACKET (SLIDER)
1	1			D3126-3	BRACKET (SLIDER)
5	5			D3126-5	BRACKET (SLIDER)
1	1			D3127-1	SPACER
		1	1	D3128-1	SHIM
		2	2	D3129-1	LEVER
		2	2	D3130-1	CLEVIS BASE
		1	1	D3131-1	STOP
1				D3132-041	ROD WELDMENT
	1			D3132-042	ROD WELDMENT
	1			D3133-041	ROD WELDMENT
1				D3133-042	ROD WELDMENT
		1	1	D3134-1	ROD
		1	1	D3134-3	ROD
1	1			D3135-041	HANDLE WELDMENT
1	1			D3137-045	BRACKET ASSEMBLY
1				D3138-1	COVER
	1			D3138-2	COVER
1	1			D3139-1	GUARD
1				D3139-3	GUARD
	1			D3139-4	GUARD
1				D3140-05	DOOR
	1			D3140-06	DOOR
		1		D3140-07	DOOR
			1	D3140-08	DOOR
2	2			D3141-1	SPRING
		1	1	D3143-1	CLEVIS
		3	3	D3143-3	CLEVIS
		1		D3144-1	DOUBLER
1				D3144-3	DOUBLER
		1		D3144-105	DOUBLER
		1		D3144-107	DOUBLER
1				D3144-109	DOUBLER

Qty -01	Qty -02	Qty -03	Qty -04	Part Number	Description
1	1			D3144-111	DOUBLER
	1			D3144-115	DOUBLER
		1		D3144-117	DOUBLER
		1		D3144-121	DOUBLER
		1		D3144-119	DOUBLER
	1			D3144-123	DOUBLER
1	1			D3144-13	DOUBLER
		1		D3145-1	HINGE BRACKET
		1		D3145-2	HINGE BRACKET
		1		D3146-1	HINGE BRACKET
		1		D3146-2	HINGE BRACKET
		2	2	D3147-1	PIN
2	2			D3148-1	CLEVIS
		2	2	D3149-1	STRIKER PLATE
		2	2	D3150-1	GUIDE
1	1			D3151-041	DOUBLER ASSEMBLY
1				D3152-041	BRACKET ASSEMBLY
	1			D3152-042	BRACKET ASSEMBLY
		1	1	D3154-1	KEY
1	1			D3155-041	BRACKET ASSEMBLY
1	1			D3155-042	BRACKET ASSEMBLY
2	2			D3156-1	BRACKET
		2	2	D3157-1	SPACER
		3	3	D3159-041	BRACKET ASSEMBLY
		1		D3159-043	BRACKET ASSEMBLY
			1	D3159-044	BRACKET ASSEMBLY
10	10			D3162-041	BRACKET ASSEMBLY
1		1		D3162-043	BRACKET ASSEMBLY
1		1		D3162-044	BRACKET ASSEMBLY
1				D3163-041	COVER ASSEMBLY
	1			D3163-042	COVER ASSEMBLY
1				D3183-041	BRACKET ASSEMBLY (ROLLER)
	1			D3183-042	BRACKET ASSEMBLY (ROLLER)
1	1			D3203-1	HANDLE ASSEMBLY
2	2			D3308-1	DOUBLER
55	55	21	21	80-005-2-8	INSERT (OR SL2052-3-4)
10	10			AN625-10R6	SCREW
8	8	4	4	AN625-10R7	SCREW
		8	8	AN660JD10	WASHER
18	18	4	4	AN660JD10L	WASHER
13	13	32	32	AN660JD10LL	WASHER
6	6			AN660JD16L	WASHER
		4	4	AN660JD6L	WASHER
6	6			AN660JD8	WASHER
		2	2	AN660JD8L	WASHER
		2	2	AN660JD8LL	WASHER
		10	10	ASL4-632-80	INSERT
87	87	50	50	BSP45	RIVET
		12	12	FV10-032	WASHER
		6	6	FV4-032	WASHER
12	12			M7885-2-4	RIVET (OR CR3213-4-3)
		3	3	M7885-3-4	RIVET (OR CR3212-4-3)
		2	2	MS20392-1C11	PIN
		7	7	MS20392-2C15	PIN
2	2			MS20392-2C17	PIN
2	2	2	2	MS20392-2C9	PIN
2	2			MS20392-3C21	PIN
8	8			MS20426AD3	RIVET
12	12			M7885/3-4	RIVET
8	8			MS20426AD4	RIVET

Qty -01	Qty -02	Qty -03	Qty -04	Part Number	Description
20	20			MS20426AD4	RIVET
		6	6	MS21042L06	NUT
6	6	2	2	MS21042L08	NUT
		5	5	MS21042L3	NUT
4	4			MS21042L4	NUT
4	4			MS21072L3	NUTPLATE
6	6	9	9	MS24665-151	COTTER PIN
4	4			MS24693-S271	SCREW
		2	2	MS24694-C4	SCREW
4	4			MS24694-C5	SCREW
6	6			MS24694-S5	SCREW
18	18			MS24694-S50	SCREW
		4	4	MS24694-S56	SCREW
		2	2	MS24694-S53	SCREW
		4	4	MS24694-S60	SCREW
4	4			MS24694-S98	SCREW
		2	2	MS25261-R6	CLAMP
2	2	2	2	MS27039-1-05	SCREW
14	14	12	12	MS27039-1-06	SCREW
13	13	6	6	MS27039-1-08	SCREW
		2	2	MS35205-231	SCREW
2	2			MS35275-233	SCREW
2	2			MS35649-264	NUT
		4	4	MS35650-305T	NUT
2	2			MS35650-3252	NUT
2	2	3	3	MS51859-7	WASHER
		4	4	NAS1169-10L	WASHER
		14	14	NAS388-6-8P	SCREW
		15	15	NAS391B6P	WASHER
7	7			NAS43CD3-10	SPACER
6	6			NAS43CD3-14	SPACER
		2	2	NAS43CD3-40	SPACER

GENERAL NOTES:

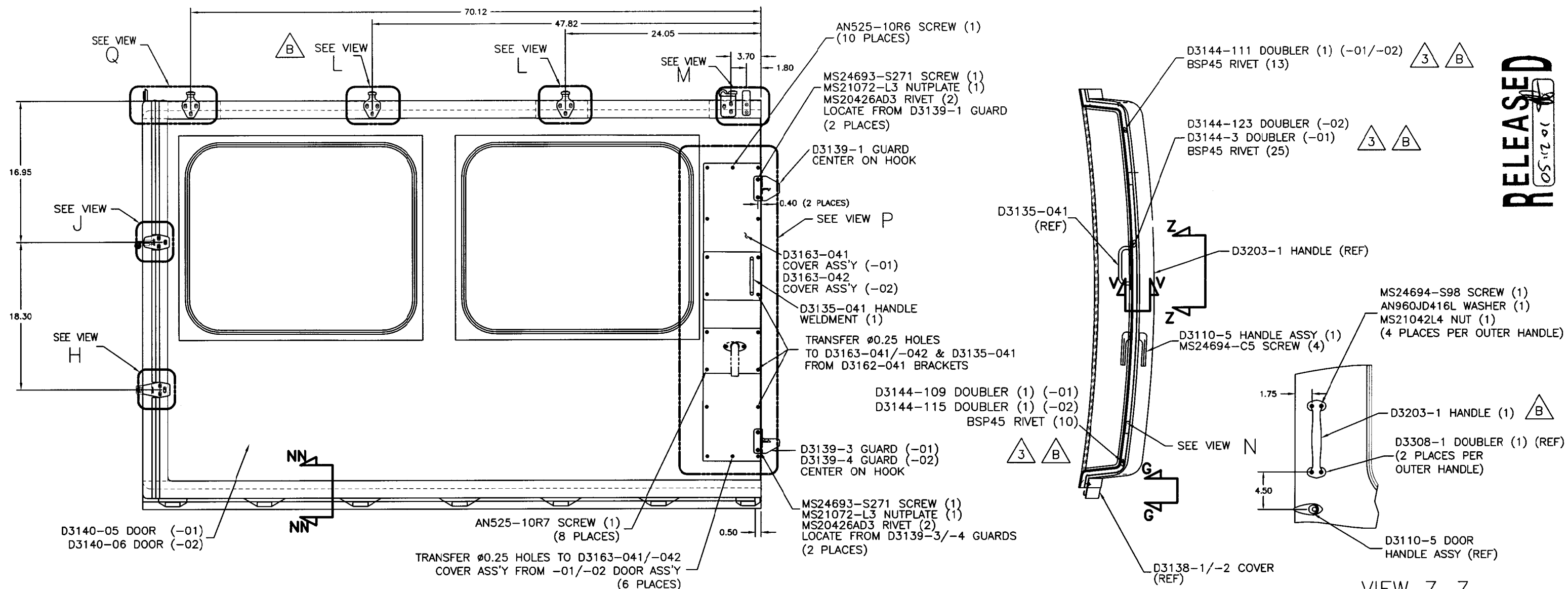
- FOR ADJUSTMENT OF LOCKING MECHANISM PRIOR TO DOOR ASSEMBLY, SET AT UNLATCH POSITION AND ADJUST SCREW INWARD UNTIL D3124-1/2 HOOK RESTS AGAINST CUTOUT SHOWN IN VIEW N.
- IF REQUIRED, NOTCH D3125-1 LEVER (REF) TO CLEAR THE D3130-1 CLEVIS BASE (REF, 2 PLACES) TO ALLOW FOR FULL TRAVEL OF THE LEVER.
- HOLES AND PARTS TO BE LOCATED PER DRILLING JIGS, E30-23000-01; D3144-T1/-T2/-T3; D18703-3; D3162-041T1 (FOR -01 DOOR ASSY); E30-23000-02; D3144-T7/-T8/-T9; D18703-9; D3162-041T2 (FOR -02 DOOR ASSY); D3144-T4/-T5/-T6; D3119-041T1; D3112-T1/-T2 (FOR -03 DOOR ASSY); D3144-T10/-T11/-T12; D3119-042T1; D3112-T1/-T2 (FOR -04 DOOR ASSY).
- INSTALL INSERTS PER DART QSI 005. LOCATE TO MATCH HOLE PATTERN OF MATING PARTS.
- TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED.
- ALL DIMENSIONS ARE IN INCHES.
- IDENTIFY D412-694-01/-02/-03/-04 DOOR ASSEMBLIES USING D2729-1 DECALS.

CI	06.03.28	ADD OPTION M7885/3-4
C	05.11.23	ADD D3137-045, D3162-043/-044; REMOVE D3137-041; UPDATED NOTES
B	04.10.07	UPDATE DRAWING
A	02.05.21	NEW ISSUE
DESIGN	CP	DRAWN BY RF
CHECKED		APPROVED
DATE	05.11.23	TITLE DOOR ASSEMBLY
DART AEROSPACE LTD.		DART AEROSPACE LTD. HAWKESBURY, ONTARIO, CANADA
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		REV. C SHEET 1 OF 6
		SCALE NTS

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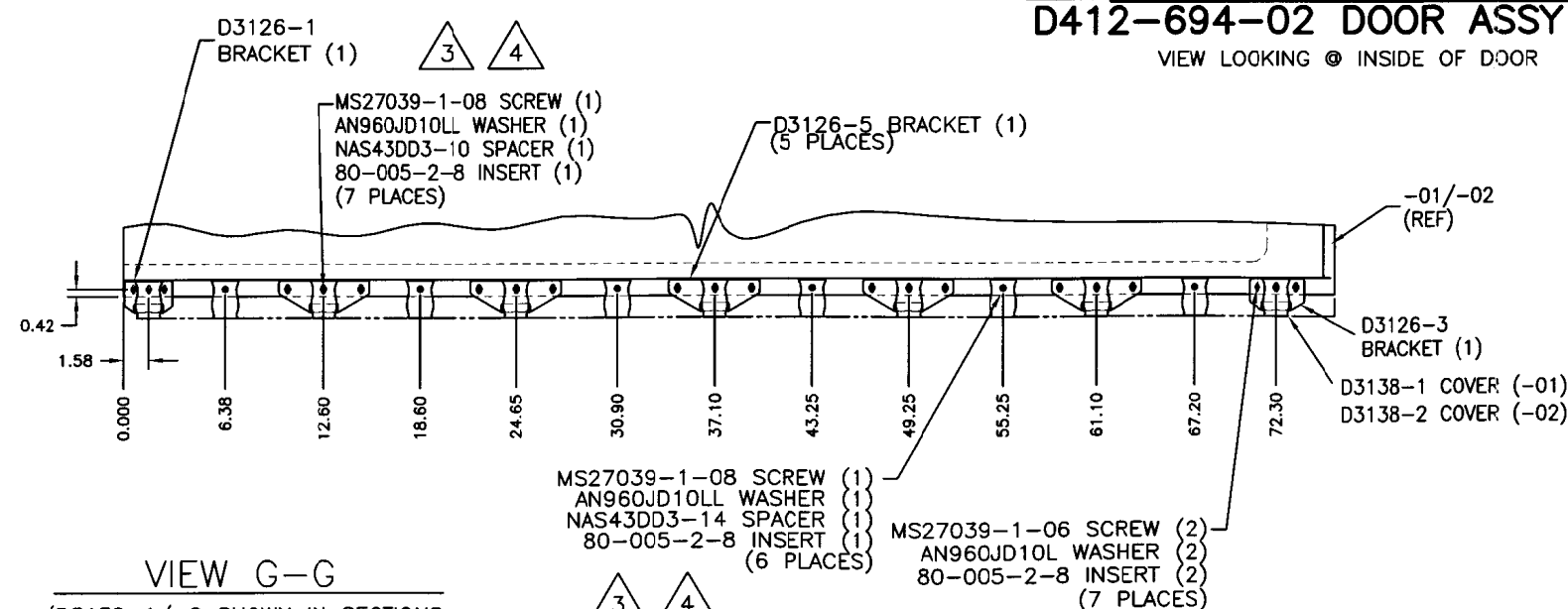
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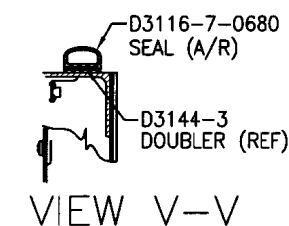
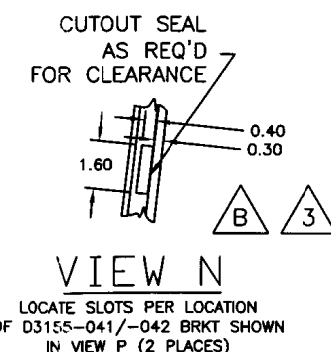
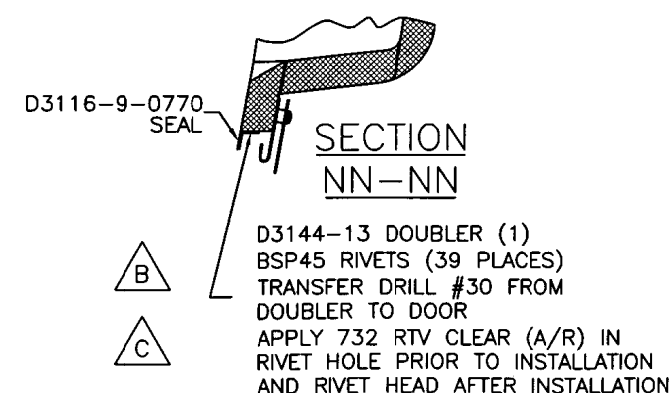


D412-694-01 DOOR ASSY (SHOWN)
D412-694-02 DOOR ASSY (OPP.)
VIEW LOOKING @ INSIDE OF DOOR

VIEW Z-Z
OUTER DOOR HANDLE INSTALLATION



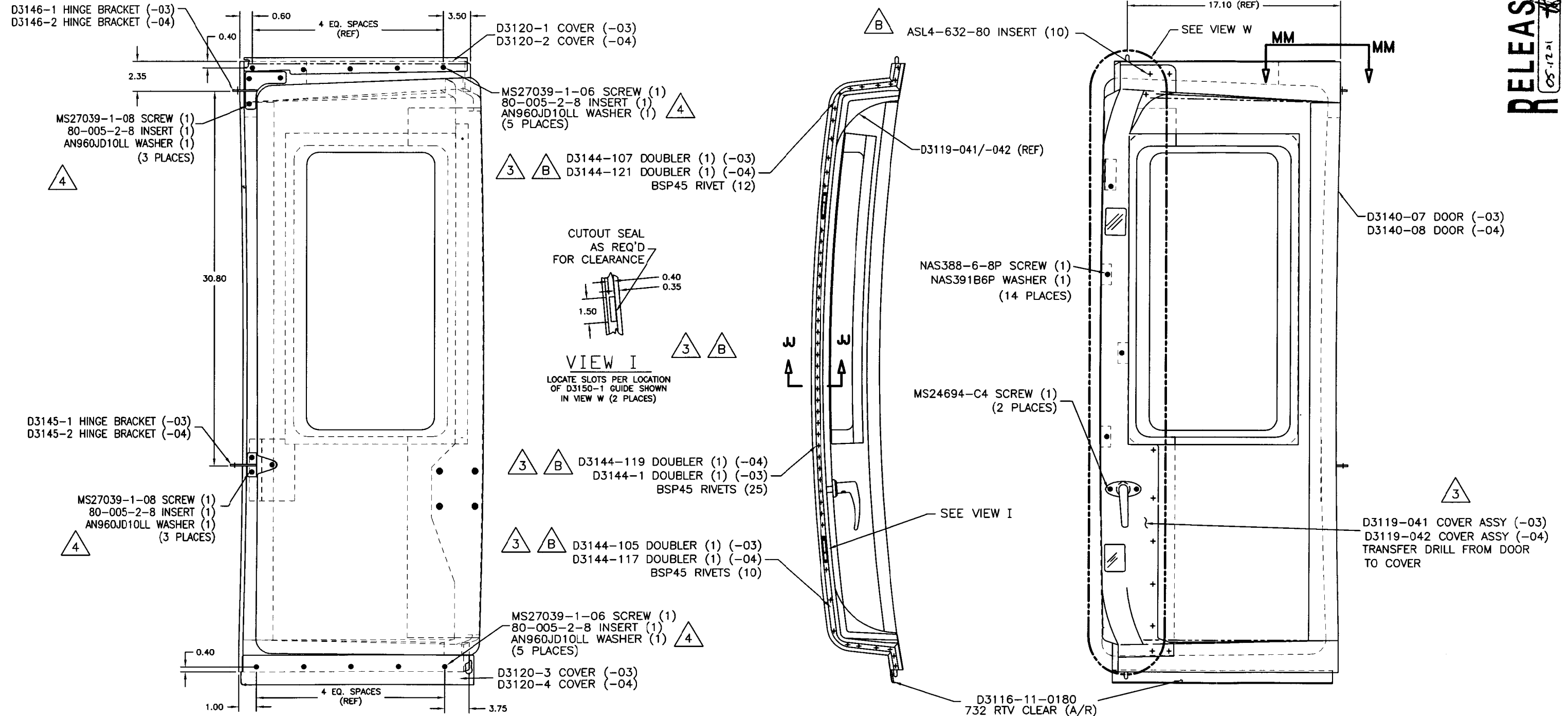
VIEW G-G
(D3138-1/-2 SHOWN IN SECTIONS FOR CLARITY OF HDWR LOCATIONS)



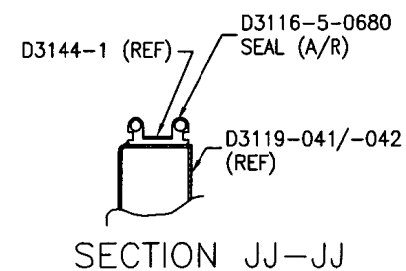
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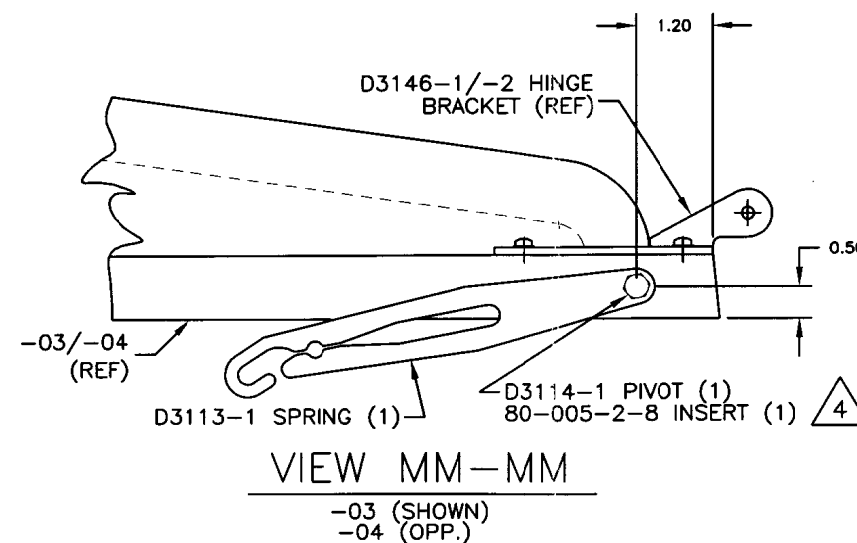
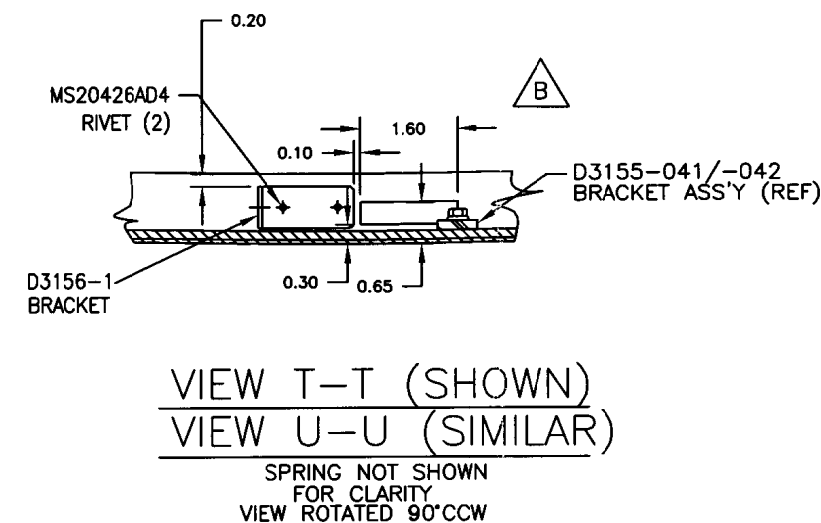
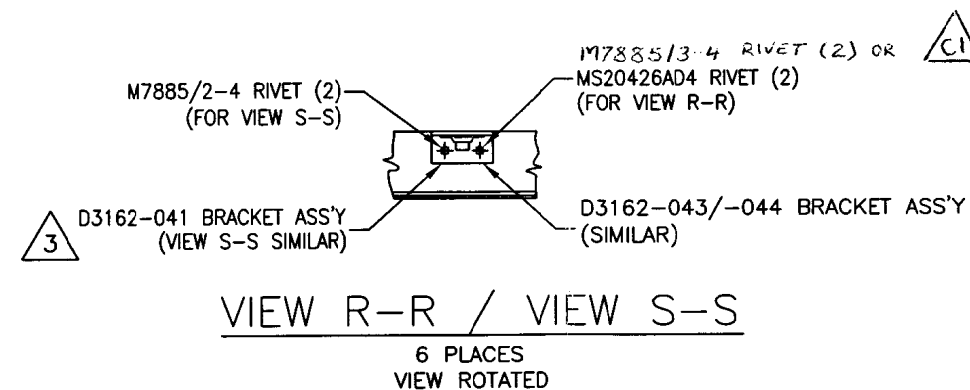
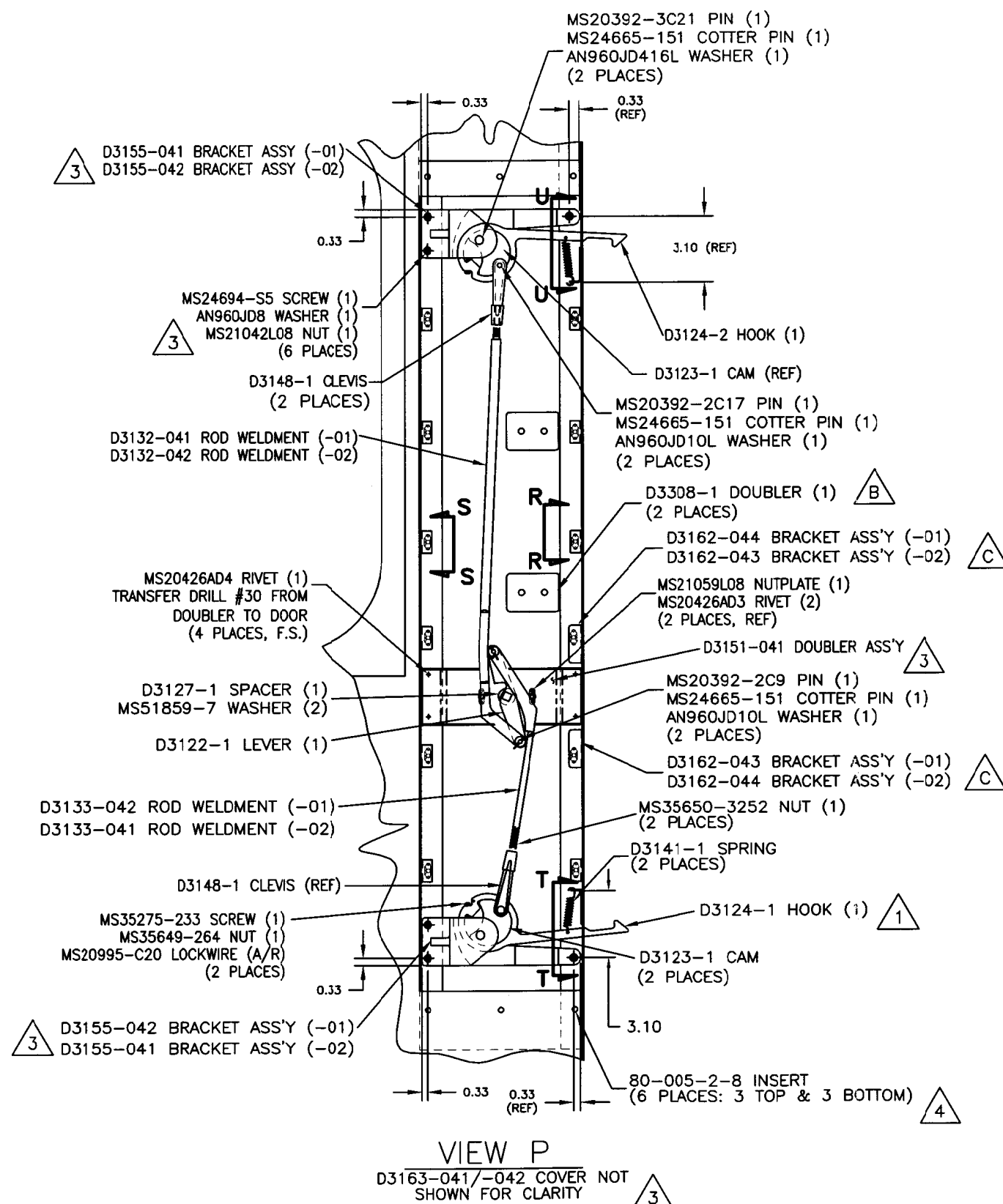
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CHECKED		APPROVED		DRAWING NO.	REV. C
DATE	05.11.23			D412-694	SHEET 2 OF 6
				TITLE	SCALE
				DOOR ASSEMBLY	NTS



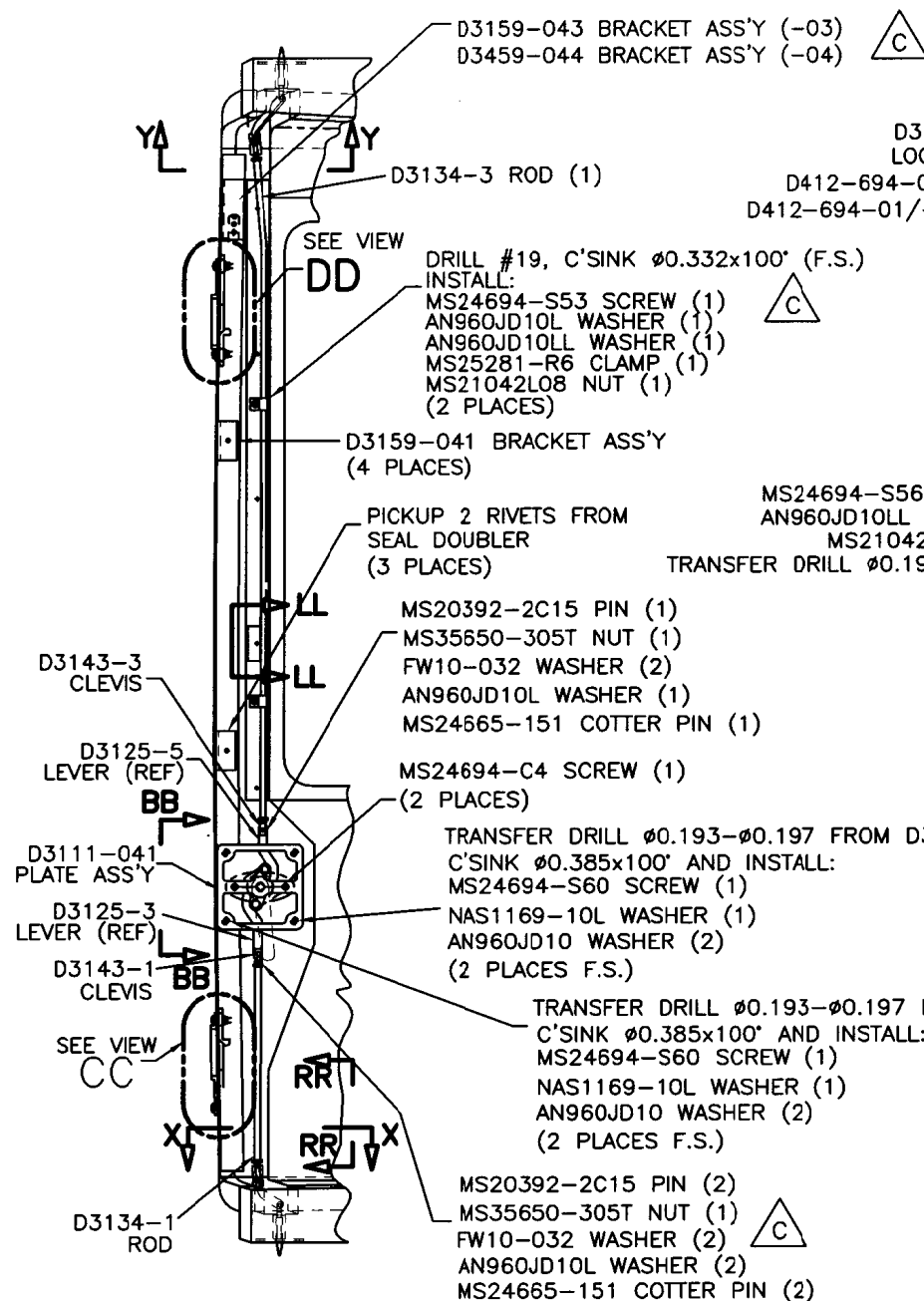
D412-694-03 DOOR ASSY (SHOWN)
D412-694-04 DOOR ASSY (OPP)



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DATE 05.11.23		TITLE DOOR ASSEMBLY		SCALE NTS	

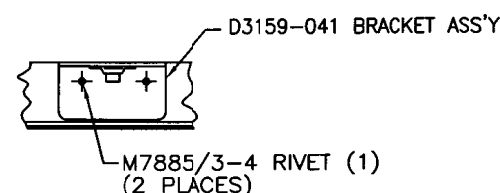


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	CHECKED		APPROVED				
	DATE	05.11.23	TITLE	DOOR ASSEMBLY			
			SCALE	NTS			

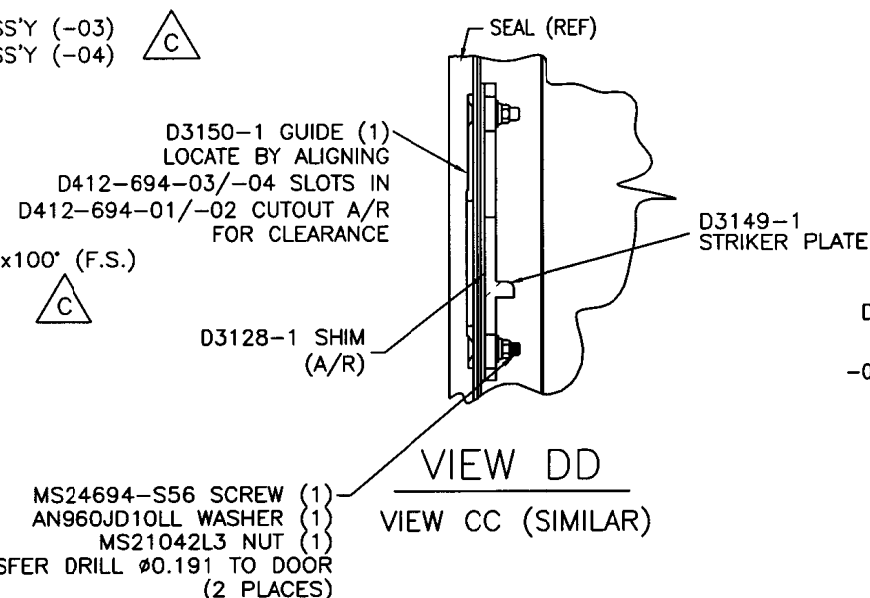


VIEW W

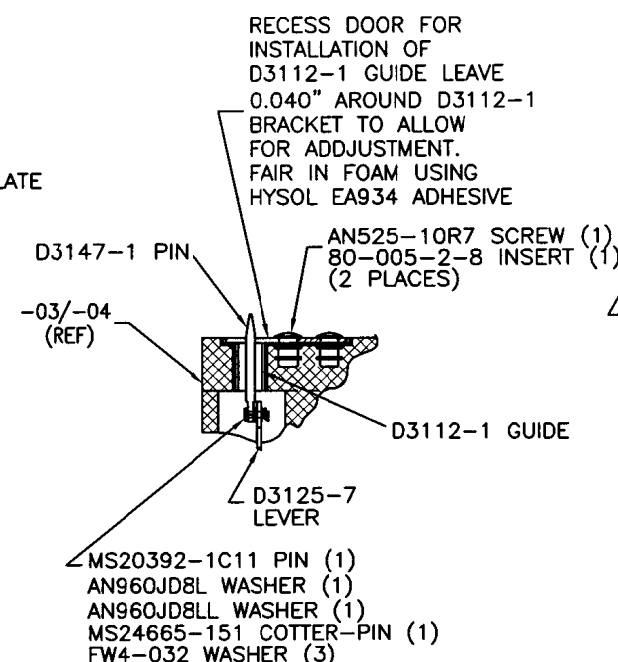
D3119-041/-042 COVER ASS'Y NOT SHOWN FOR CLARITY
SEAL ALSO NOT SHOWN FOR CLARITY



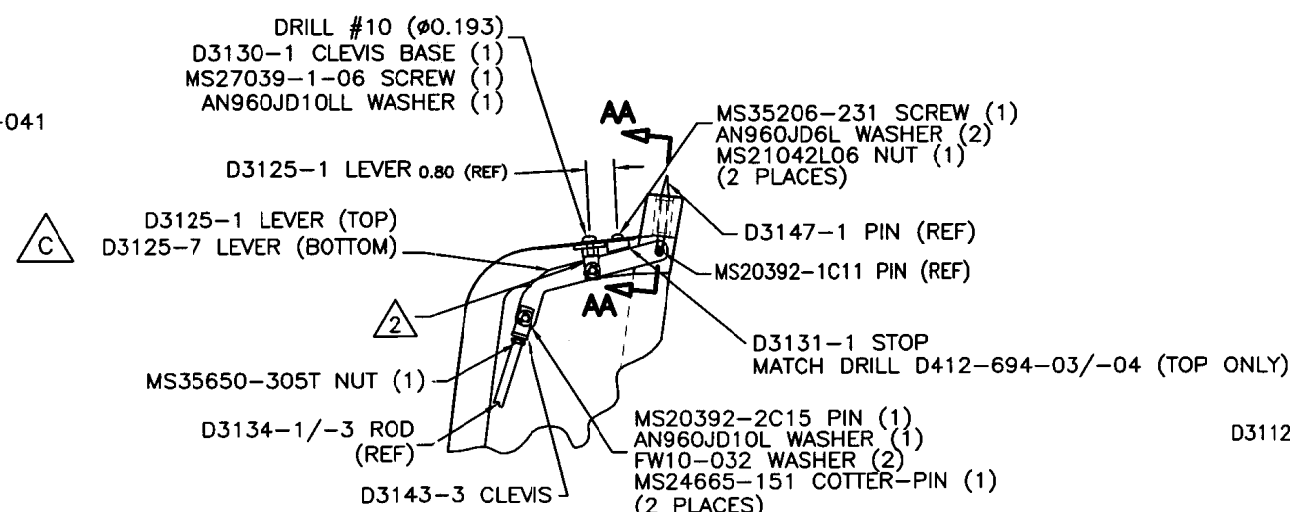
SECTION LL-LL
(3 PLACES)
VIEW ROTATED 90°CCW



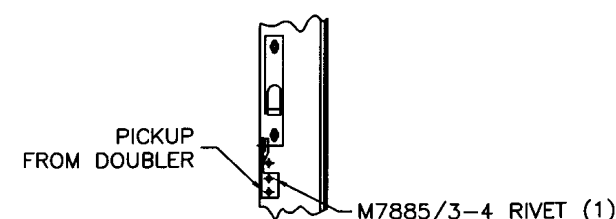
VIEW DD
VIEW CC (SIMILAR)



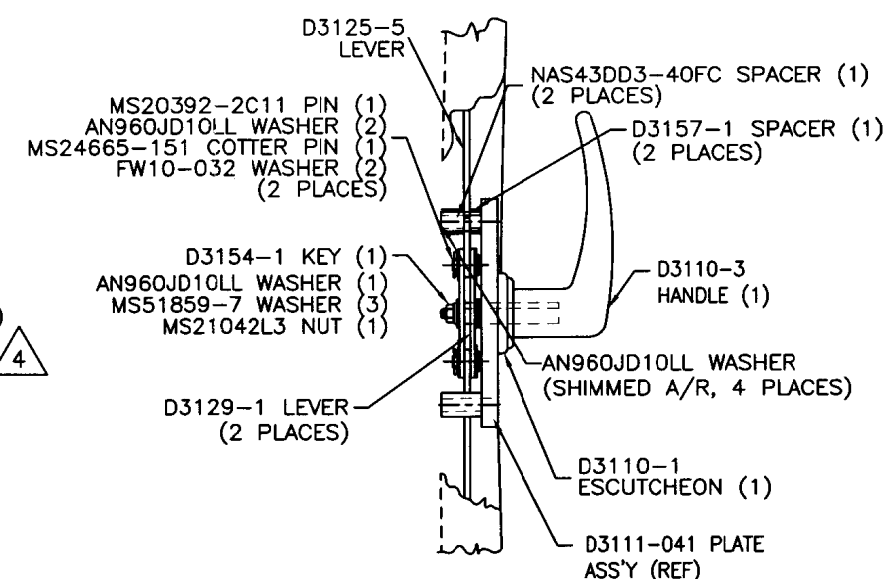
SECTION AA-AA



SECTION FF-FF

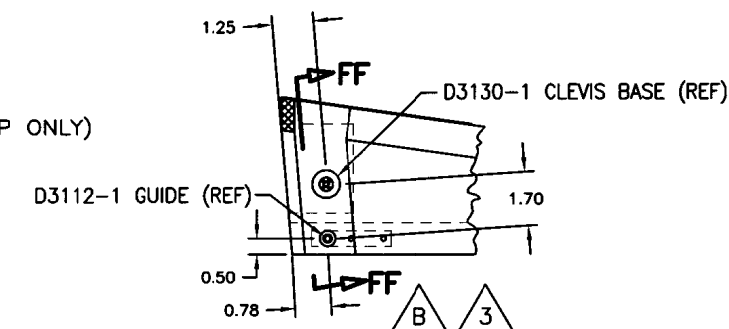


VIEW RR-RR



SECTION BB-BB

VIEW SHOWN WITH MECHANISM
IN THE UNLOCKED POSITION
FOR CLARITY



SECTION X-X (SHOWN)
SECTION Y-Y (SIMILAR)

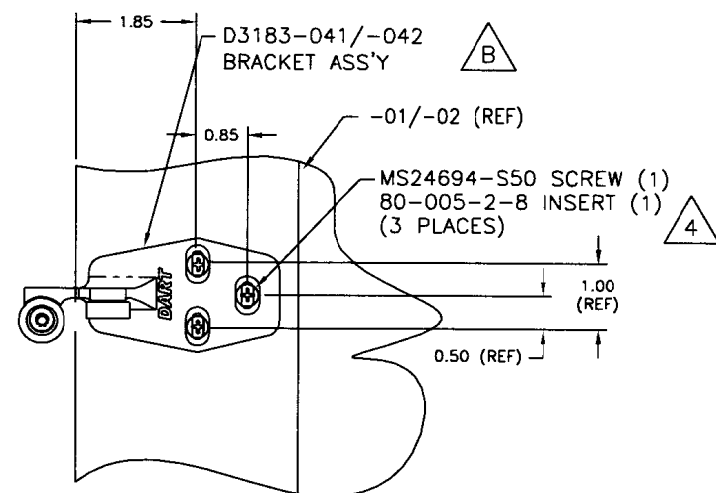
D3125-1 LEVER NOT SHOWN FOR CLARITY

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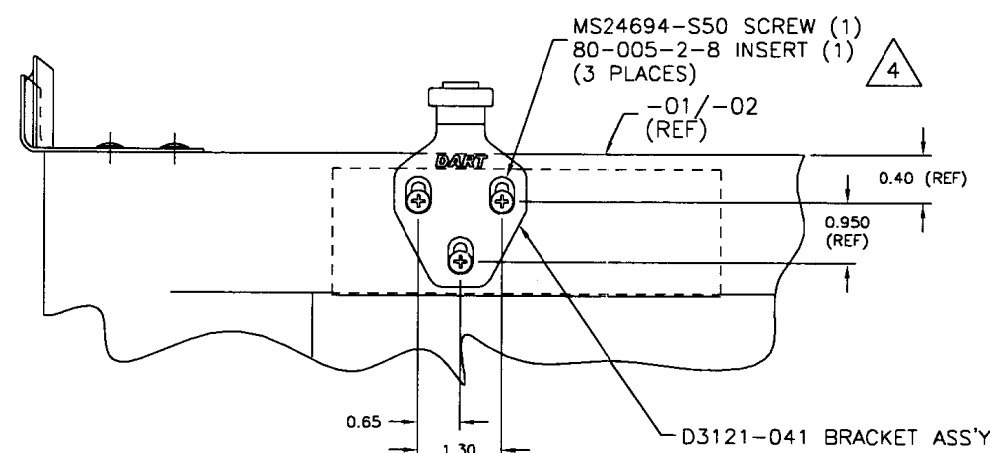
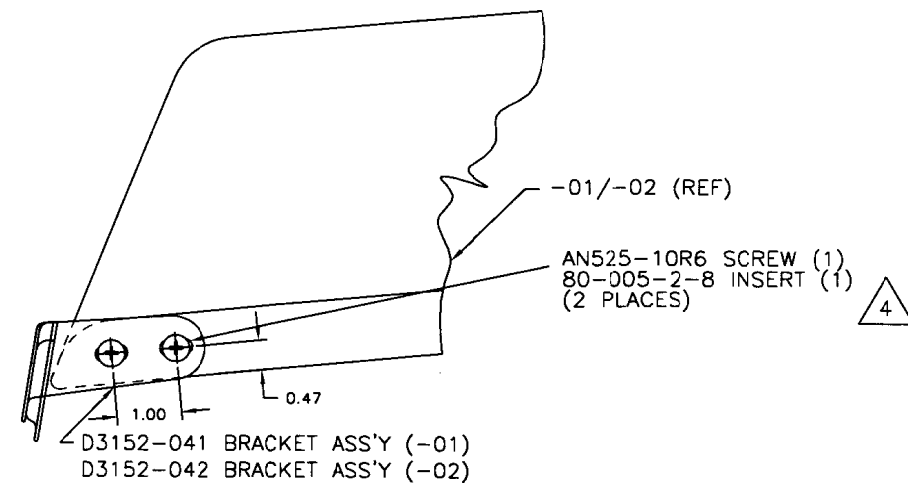
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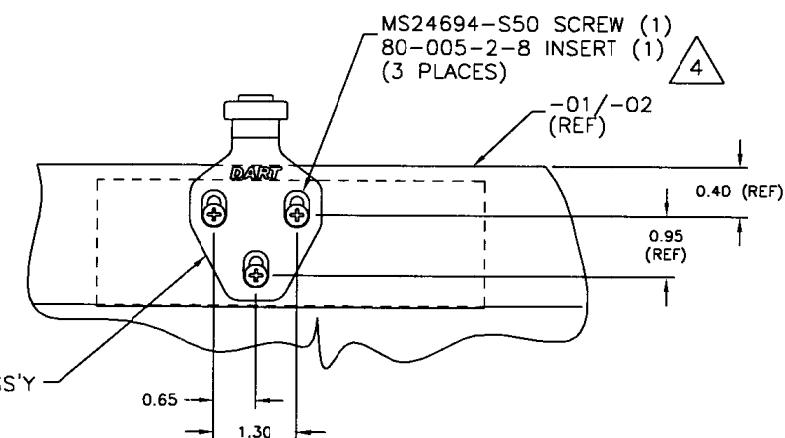
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CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D412-694	REV. C SHEET 5 OF 6
DATE 05.11.23	TITLE DOOR ASSEMBLY	SCALE NTS	



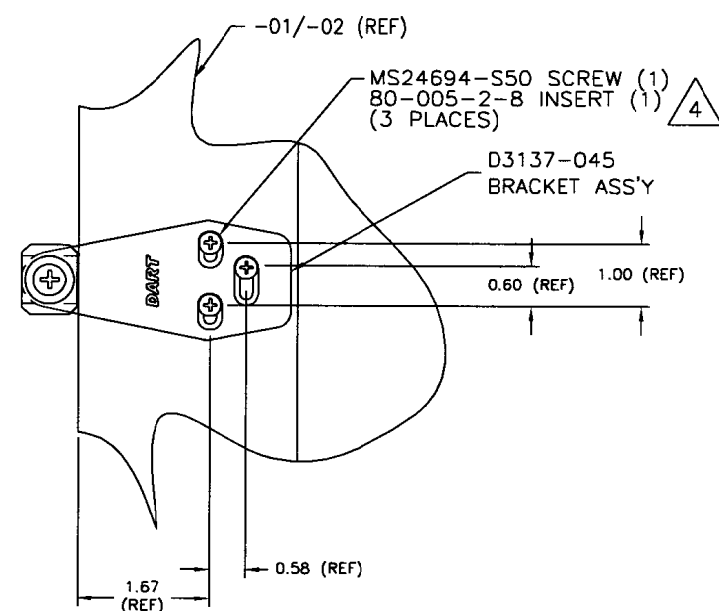
VIEW J



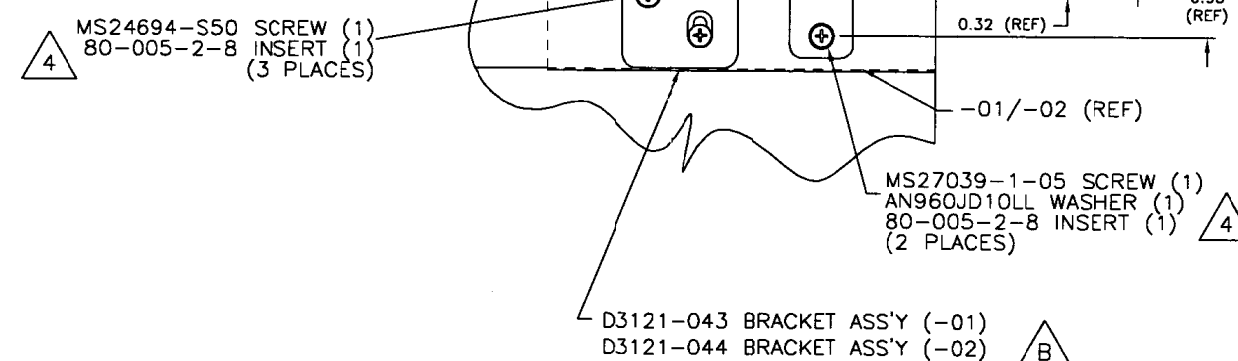
VIEW Q



VIEW L



VIEW H



VIEW M

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05.12.01

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CHECKED [Signature]	APPROVED [Signature]	DRAWING NO. D412-694	REV. C SHEET 6 OF 6
DATE 05.11.23	TITLE DOOR ASSEMBLY	SCALE NTS	

DRAWING NO. D412-694	TITLE DOOR ASSEMBLY	REV. A	DART AEROSPACE LTD ENGINEERING ORDER		D.E.O. NO. D412-694-C1-1	SHEET NO. SHEET 1 OF 1	SCALE NTS
DRAWN DB	CHECKED <i>GP</i>	MFG. APPR. <i>JA</i>	APPROVED <i>GE</i>		DE APPR. <i>JA</i>		
DATE 15.02.10	DATE 15/2/10	DATE 15.02.10	DATE 15.02.10		DATE 15.02.10		

PURPOSE

The plastic washer MS51859-7, in location shown in Figure 1, has been replaced with a D3127-3 Washer, per PAR 14-361.

CHANGES

The parts list is amended as follows:

IS

WAS

Qty -01	Qty -02	Qty -03	Qty -04	Part Number	Description
2	2			D3127-3	WASHER
		3	3	MS51859-7	WASHER

Qty -01	Qty -02	Qty -03	Qty -04	Part Number	Description
2	2	3	3	MS51859-7	WASHER

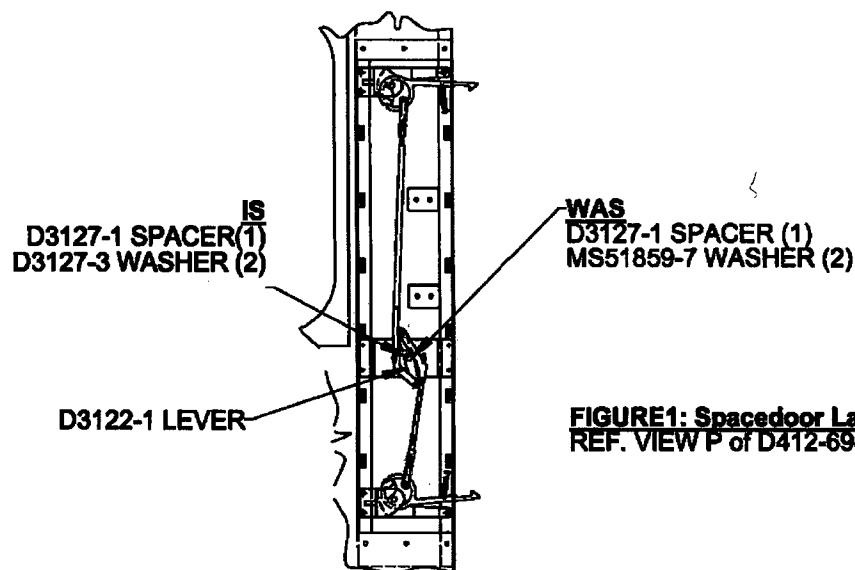


FIGURE1: Spacedoor Latching Mechanism
REF. VIEW P of D412-694 Rev C1 (SHEET 4)

RELEASED

2015 FEB 13

ECN 14-663 *GP*